

7.1 Day 2 (Negative & Zero Exp.) Worksheet**Simplify each expression.**

1. 13^0

2. 5^{-3}

3. -6^0

4. $-(12x)^{-2}$

5. $-(11x)^0$

6. $\left(\frac{2}{9}\right)^{-2}$

7. $3m^{-8}p^0$

8. $\frac{5a^{-4}}{2c}$

9. $8^{-2}q^3r^{-5}$

10. $-(10a)^{-4}b^0$

Evaluate each expression for $a = -4$, $b = 3$, and $c = 2$.

11. $3a^{-1}$

12. b^{-3}

13. $4a^2b^{-2}c^3$

14. $9a^0c^4$

15. $-a^{-2}$

16. $(-c)^{-2}$